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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/757,378	01/09/2001	James Brady	98-C-037C1	6527

7590

06/04/2002

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EXAMINER

LEE, BENNY T

ART UNIT

PAPER NUMBER

2817

DATE MAILED: 06/04/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

DATE RECEIVED	
RECEIVED	PAID
DATE MAILED	

For examination of this application, the examiner in charge of your application,  
COMMISSIONER OF PATENTS AND TRADEMARKS

[ ] This application has been examined. ☒ Responsive to communication filed on 12 March 2002. ☒ This action is made in  
statutory period for response to this action is set to expire Three (3) month(s), 7 days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

1. THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited by Examiner, PTO-830.        | 2. <input type="checkbox"/> Notice to Patent Drawing, PTO-848.                   |
| 3. <input type="checkbox"/> Notice to Art Cited by Applicant, PTO-1449.             | 4. <input type="checkbox"/> Notice of Informal Patent Application, Form PTO-101. |
| 5. <input type="checkbox"/> Information on how to Effect Drawing Changes, PTO-1474. | 6. <input type="checkbox"/> _____  |

2. SUMMARY OF ACTION

1. ☒ Claims 1, 3-6, 8-11, 13, 14, 16-19 are pending in the application.  
Of the above, claims \_\_\_\_\_ are withdrawn from consideration.
2. ☒ Claims 2, 7, 12, 15 have been cancelled.
3. ☒ Claims 1, 3-5, 8, 10, 11, 13, 14, 16, 17-19 are allowed.
4. ☒ Claims 6, 9 are rejected.
5. ☐ Claims \_\_\_\_\_ are objected to.
6. ☐ Claims \_\_\_\_\_ are subject to restriction or election requirements.
7. ☐ This application has been filed with informal drawings which are acceptable for examination purposes until such time as allowable subject matter is indicated.
8. ☐ Allowable subject matter having been indicated, formal drawings are required in response to this Office action.
9. ☐ The corrected or substitute drawings have been received on \_\_\_\_\_. These drawings are: ☐ acceptable;  
☐ not acceptable (see explanation).
10. ☐ The ☐ proposed drawing correction and/or the ☐ proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_, has/have been ☐ approved by the examiner, ☐ disapproved by the examiner (see explanation).
11. ☐ The proposed drawing correction, filed \_\_\_\_\_, has been ☐ approved, ☐ disapproved (see explanation). The Patent and Trademark Office no longer makes drawing changes. It is now applicant's responsibility to ensure that the drawings are corrected. Corrections MUST be effected in accordance with the instructions set forth on the attached letter "INFORMATION ON HOW TO EFFECT DRAWING CHANGES", PTO-1474.
12. ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received, ☐ not been received.  
☐ been filed in patent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_.
13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 O.D. 11; 453 O.G. 210.
14. ☐ Other \_\_\_\_\_

SN 757378

Art Unit: 2817

The disclosure is objected to because of the following informalities: Page 1, note that the status of the parent application should be updated. Page 5, in the brief description of figs. 1 and 6B, should these drawing figure be considered -- prior art --?; line 12, note that reference to "line 3A-3A" is still not consistent with line 3B-3B as depicted in figure 3A. Page 7, line 7, note that "delta" still needs to be strictly defined. Note that "TO OTHER CIRCUITRY" appearing in Fig. 4C needs to be described in the specification.

The drawings are objected to because of the following: In figs. 1, 3B, 5A, 5B, 6B, 6C, 6D, note that for the cross-sectional views therein, a proper cross-hatching for an insulating material needs to be provided. In Figs. 1, 6B, should these figures be labeled as -- PRIOR ART --?; In fig. 4c, reference label -- 120 -- needs to be provided. Correction is required.

Claims 6, 9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 6, note that it is unclear whether the subject matter of this claim can properly depend from the subject matter of claim 3, from which this claim indirectly depends. In particular, it is unclear whether the "first conductor" can be in a "second plane" if in claim 3, such "first conductor" has already been defined as being in a "first plane". Clarification is needed.

In claim 9, note that it is unclear how "a clock signal" relates to the "electrical signal" recited in claim 1, from which this claim directly depends (i.e. a part thereof, a separate signal therefrom, etc). Clarification is needed.

Art Unit: 2817

The following claim has been found objectionable for reasons set forth below:

In claim 1, lines 8, 14; claim 5, line 3; claim 11, lines 8, 12: note that --to-- should follow "parallel" at each occurrence.

In claim 11, lines 7, 11, note that "a second area" should correctly be --the second area-- for proper antecedent basis.

Claims 6, 9 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action.

Claims 1, 3-5, 8, 10; 11, 13, 14, 16; 17-19 are allowable over the prior art of record.

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication should be directed to Benny Lee at telephone number 308 4902.

